

Preliminary Amendment
Attorney Docket Q76660
July 25, 2003

- first and second motorised means positioned at said ends of the fuselage to drive the propellers of said first and second rotor in mutually opposite directions of rotation,

- a wing system positioned radially between said fuselage and said first and second rotor,

and

- control means.

2. (Original) Micro-aircraft as claimed in claim 1, wherein said wing system includes wing profiles forming a substantially X shaped configuration.

3. (Original) Micro-aircraft as claimed in claim 2, further comprising an additional wing profile (14) positioned within said X configuration.

4. (Currently Amended) Micro-aircraft as claimed in claim 2 and ~~claim 3~~, wherein said wing profiles are hollow.

5. (Original) Micro-aircraft as claimed in any of the claim 4, wherein said wing profiles interconnect said fuselage and said annular cowlings of said first and second rotor.

6. (Original) Micro-aircraft as claimed in claim 1, wherein said fuselage is designed to house means for powering said motorised means and a system for managing said motorised means and said control means with an inertial navigation system associated thereto.

7. (Currently Amended) Micro-aircraft as claimed in claim 2 and ~~claim 3~~, wherein said control means include directional flaps applied to said wing profiles in proximity to said first ducted rotor and/or in proximity to said second ducted rotor.

8. (Original) Micro-aircraft as claimed in claim 7, wherein said control means are also associated to said cowling of said second ducted rotor.

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9. (Original) Micro-aircraft as claimed in claim 1, wherein said propellers have different profiles.
10. (Original) Micro-aircraft as claimed in claim 1, wherein said motorised means include for each ducted rotor at least an electric motor.
11. (Original) Micro-aircraft as claimed in claim 1, wherein said motorised means include for each ducted rotor at least a micro-combustor motor.
12. (Original) Micro-aircraft as claimed in claim 1, having surfaces coated with organic film solar cells.
13. (Original) Micro-aircraft as claimed in claim 1, having surfaces made with silica wafer.
14. (Original) Micro-aircraft as claimed in claim 1, wherein said wing system includes wing profile forming a substantially H shaped configuration.